

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082025\
 Data File : VX047432.D
 Acq On : 20 Aug 2025 11:28
 Operator : JC/MD
 Sample : Q2815-21RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-11M-ERE

Quant Time: Aug 21 01:28:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

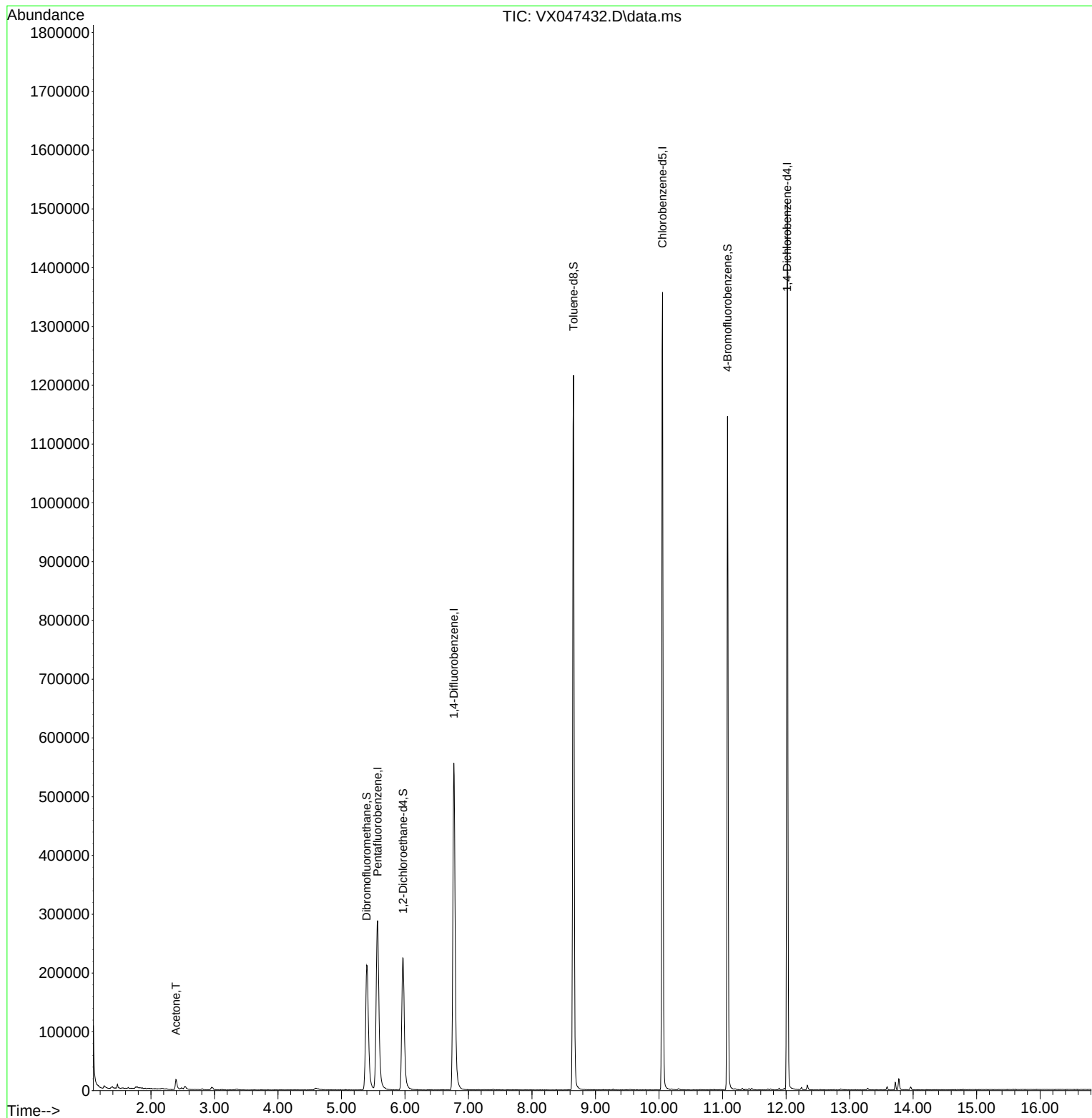
Internal Standards						
1) Pentafluorobenzene	5.568	168	288810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	596562	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	600326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	298812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	240940	59.609	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 119.220%#		
35) Dibromofluoromethane	5.397	113	204272	52.760	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.520%		
50) Toluene-d8	8.653	98	718573	51.925	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.860%		
62) 4-Bromofluorobenzene	11.079	95	298984	58.547	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 117.100%		
Target Compounds						
16) Acetone	2.392	43	24055	15.833	ug/l	Qvalue 96

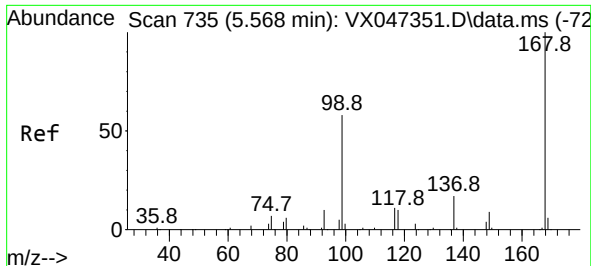
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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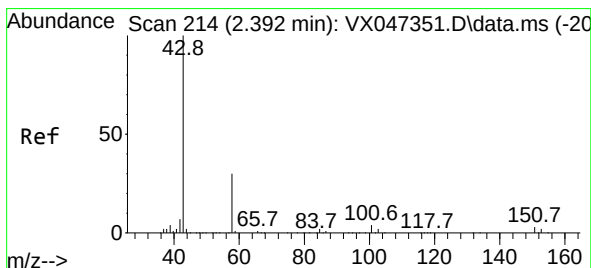
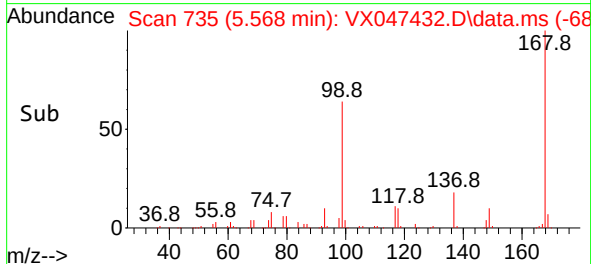
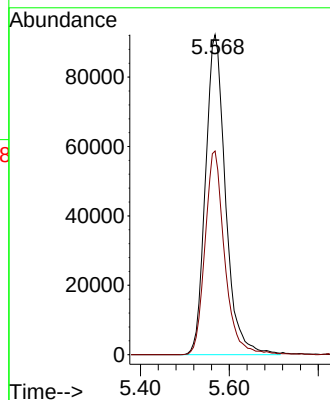
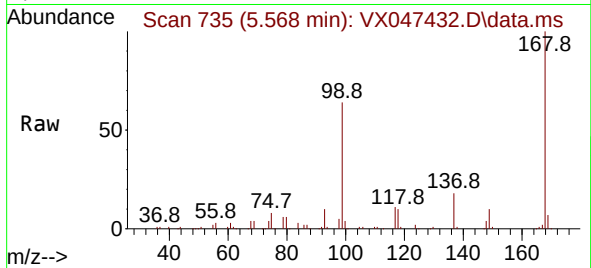




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047432.D
Acq: 20 Aug 2025 11:28

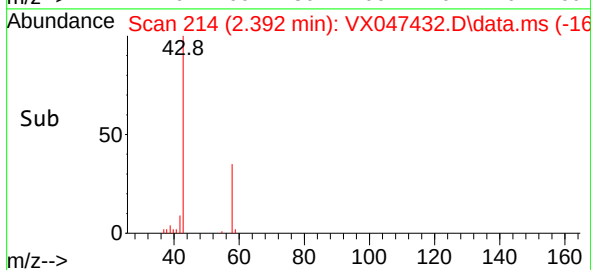
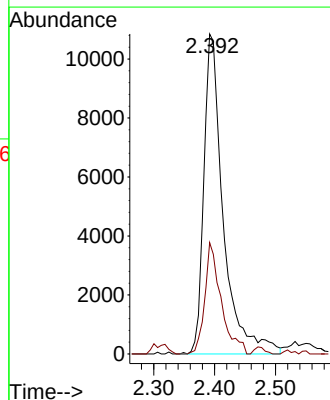
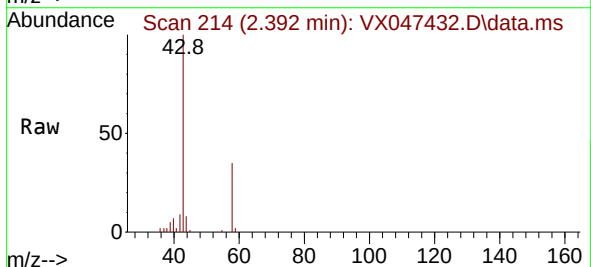
Instrument :
MSVOA_X
ClientSampleId :
TW-11M-ERE

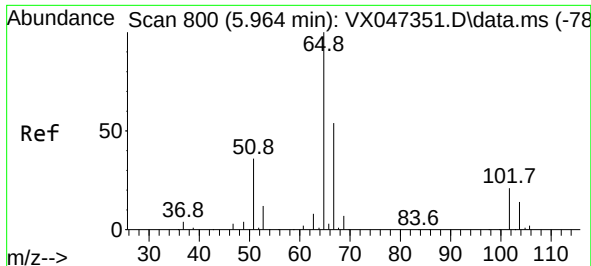
Tgt Ion:168 Resp: 288810
Ion Ratio Lower Upper
168 100
99 63.7 47.9 71.9



#16
Acetone
Concen: 15.833 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047432.D
Acq: 20 Aug 2025 11:28

Tgt Ion: 43 Resp: 24055
Ion Ratio Lower Upper
43 100
58 32.9 24.8 37.2





#33

1,2-Dichloroethane-d4

Concen: 59.609 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX047432.D

Acq: 20 Aug 2025 11:28

Instrument :

MSVOA_X

ClientSampleId :

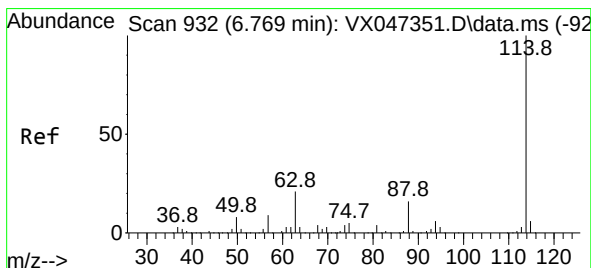
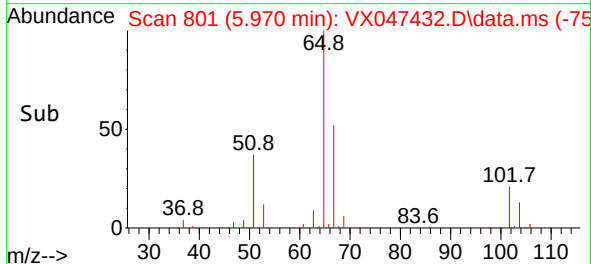
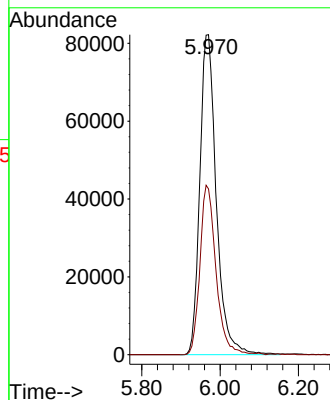
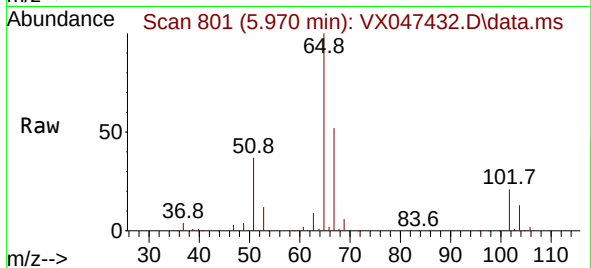
TW-11M-ERE

Tgt Ion: 65 Resp: 240940

Ion Ratio Lower Upper

65 100

67 51.5 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047432.D

Acq: 20 Aug 2025 11:28

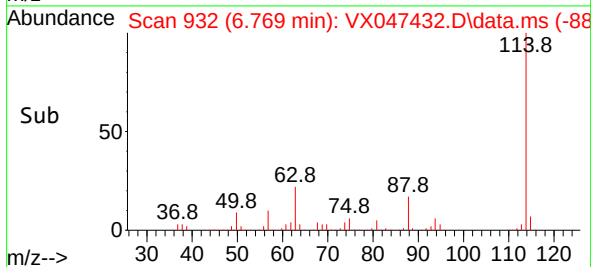
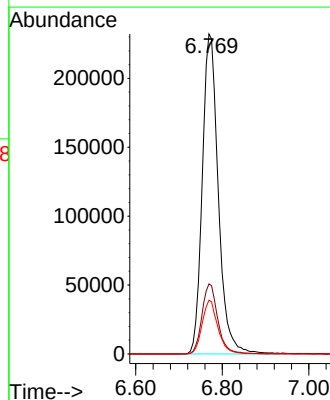
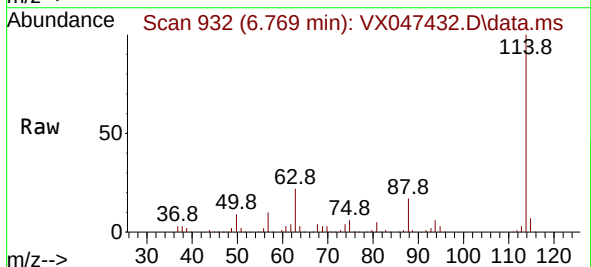
Tgt Ion: 114 Resp: 596562

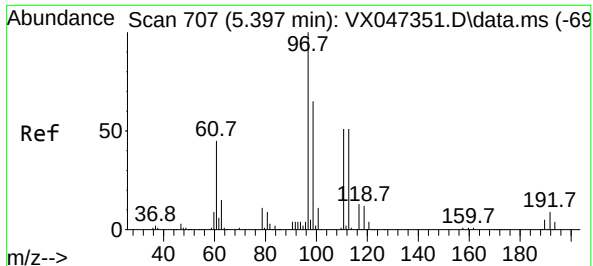
Ion Ratio Lower Upper

114 100

63 21.9 0.0 42.4

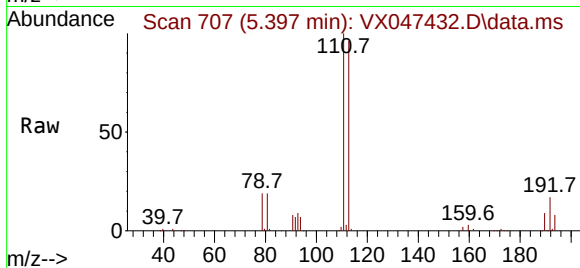
88 16.8 0.0 33.0



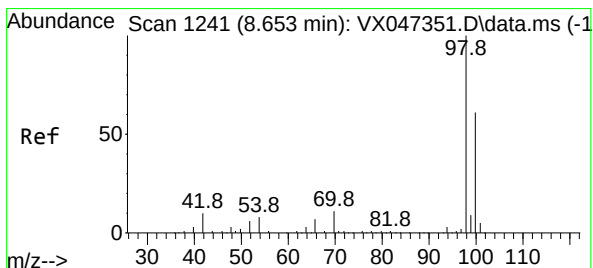
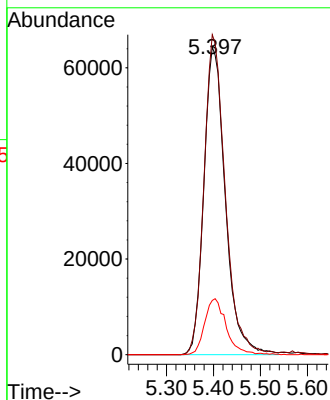
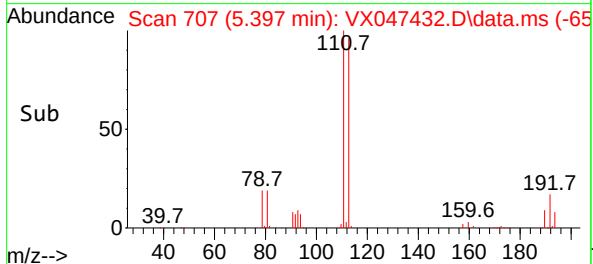


#35
Dibromofluoromethane
Concen: 52.760 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047432.D
Acq: 20 Aug 2025 11:28

Instrument :
MSVOA_X
ClientSampleId :
TW-11M-ERE

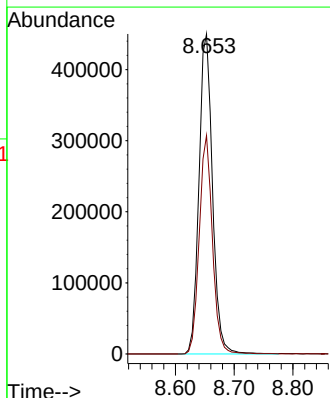
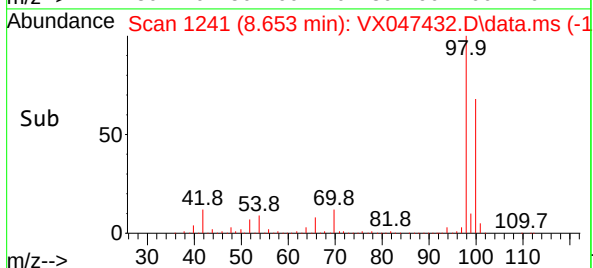
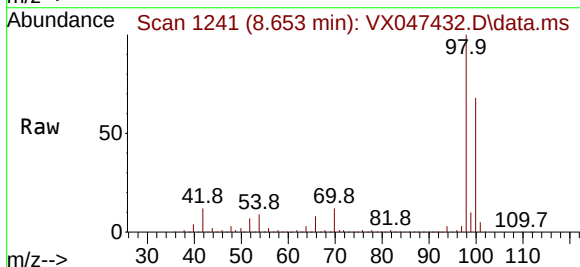


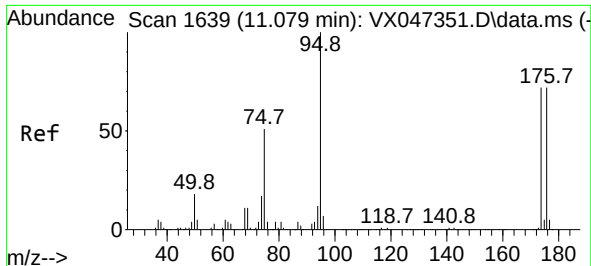
Tgt Ion:113 Resp: 204272
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.2
192 18.3 14.1 21.1



#50
Toluene-d8
Concen: 51.925 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047432.D
Acq: 20 Aug 2025 11:28

Tgt Ion: 98 Resp: 718573
Ion Ratio Lower Upper
98 100
100 66.8 53.9 80.9

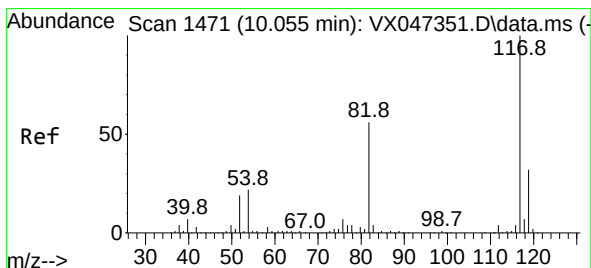
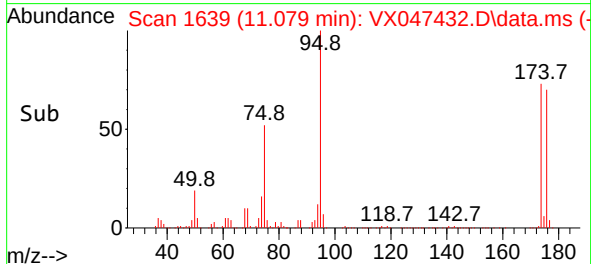
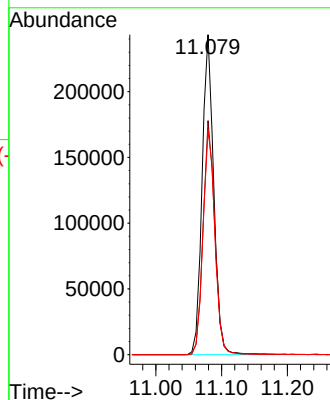
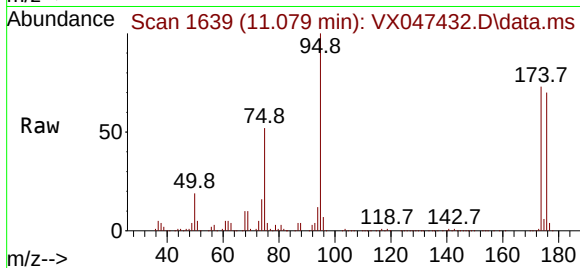




#62
4-Bromofluorobenzene
Concen: 58.547 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047432.D
Acq: 20 Aug 2025 11:28

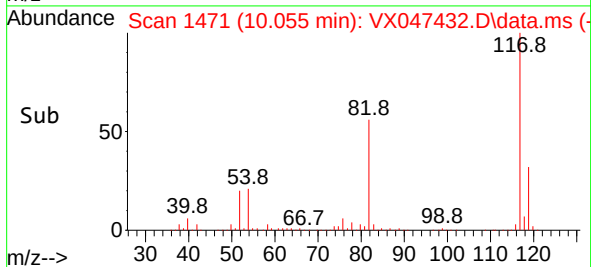
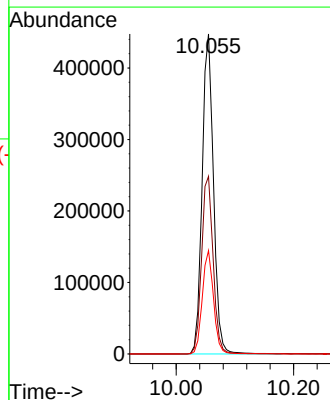
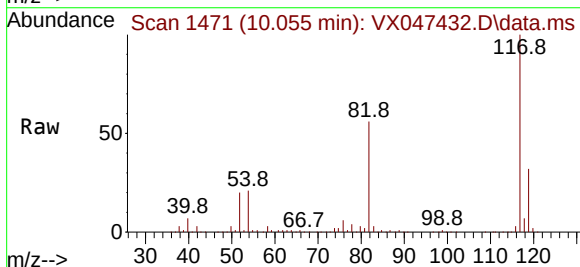
Instrument :
MSVOA_X
ClientSampleId :
TW-11M-ERE

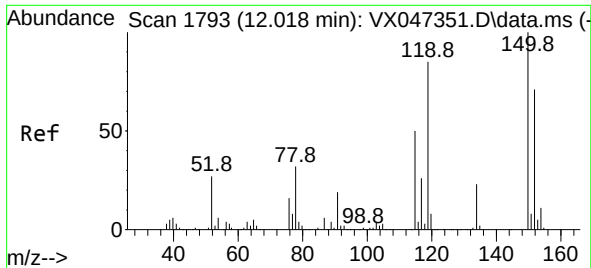
Tgt Ion: 95 Resp: 298984
Ion Ratio Lower Upper
95 100
174 73.9 0.0 148.0
176 71.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047432.D
Acq: 20 Aug 2025 11:28

Tgt Ion: 117 Resp: 600326
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 32.3 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX047432.D

Acq: 20 Aug 2025 11:28

Instrument :

MSVOA_X

ClientSampleId :

TW-11M-ERE

Tgt Ion:152 Resp: 298812

Ion Ratio Lower Upper

152 100

115 61.9 44.6 133.8

150 156.0 0.0 349.8

